

0590  
10/11

#3

OIPE

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/834,229A

DATE: 10/03/2001  
 TIME: 08:23:44

Input Set : A:\X-10822A Sequence Listing.txt  
 Output Set: N:\CRF3\10032001\I834229A.raw

3 <110> APPLICANT: Efendic, Suad  
 5 <120> TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION

7 <130> FILE REFERENCE: X-10822A  
 9 <140> CURRENT APPLICATION NUMBER: US 09/834,229A  
 10 <141> CURRENT FILING DATE: 2001-04-12  
 12 <150> PRIOR APPLICATION NUMBER: US 08/915,918  
 13 <151> PRIOR FILING DATE: 1997-08-21  
 15 <150> PRIOR APPLICATION NUMBER: US 06/024,980  
 16 <151> PRIOR FILING DATE: 1996-08-30  
 18 <160> NUMBER OF SEQ ID NOS: 6  
 20 <170> SOFTWARE: PatentIn version 3.1

22 <210> SEQ ID NO: 1

23 <211> LENGTH: 31

24 <212> TYPE: PRT

25 <213> ORGANISM: Homo sapiens

27 <400> SEQUENCE: 1

29 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly

30 1 5 10 15

33 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly

34 20 25 30

ENTERED

37 <210> SEQ ID NO: 2

38 <211> LENGTH: 31

39 <212> TYPE: PRT

40 <213> ORGANISM: Artificial Sequence

42 <220> FEATURE:

43 <223> OTHER INFORMATION: synthetic construct

45 <220> FEATURE:

46 <221> NAME/KEY: MISC\_FEATURE

47 <222> LOCATION: (1)..(1)

48 <223> OTHER INFORMATION: Xaa at position 1 is L-histidine, D-histidine, desamino-histidine

49 , 2-amino-histidine, B-hydroxy-histidine, homohistidine, alpha-fluoromethyl-histidine, and alpha-methyl-histidine;

50

53 <220> FEATURE:

54 <221> NAME/KEY: MISC\_FEATURE

55 <222> LOCATION: (2)..(2)

56 <223> OTHER INFORMATION: Xaa at position 2 is Ala, Gly, Val, Thr, Ile, and alpha-

57

57 a;

60 <220> FEATURE:

61 <221> NAME/KEY: MISC\_FEATURE

62 <222> LOCATION: (15)..(15)

<223> OTHER INFORMATION: Xaa at position 15 is Glu, Gln, Ala, Thr, Ser, and Gly;

<220> FEATURE:

<221> NAME/KEY: MISC\_FEATURE

222> LOCATION: (21)..(21)

23> OTHER INFORMATION: Xaa at position 21 is Glu, Gln, Ala, Thr, Ser, and Gly;

72 <220> FEATURE:  
73 <221> NAME/KEY: MOD\_RES

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/834,229A

DATE: 10/03/2001  
TIME: 08:23:44

Input Set : A:\X-10822A Sequence Listing.txt  
Output Set: N:\CRF3\10032001\I834229A.raw

74 <222> LOCATION: (31)..(31)  
 75 <223> OTHER INFORMATION: AMIDATION  
 78 <220> FEATURE:  
 79 <221> NAME/KEY: MISC\_FEATURE  
 80 <222> LOCATION: (31)..(31)  
 81 <223> OTHER INFORMATION: Xaa at position 31 is Gly  
 84 <400> SEQUENCE: 2  
 W--> 86 Xaa Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly  
 87 1 5 10 15  
 W--> 90 Gln Ala Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa  
 91 20 25 30  
 94 <210> SEQ ID NO: 3  
 95 <211> LENGTH: 29  
 96 <212> TYPE: PRT  
 97 <213> ORGANISM: Artificial Sequence  
 99 <220> FEATURE:  
 100 <223> OTHER INFORMATION: synthetic construct  
 102 <220> FEATURE:  
 103 <221> NAME/KEY: MISC\_FEATURE  
 104 <222> LOCATION: (29)..(29)  
 105 <223> OTHER INFORMATION: Xaa at position 29 is absent or Gly.  
 108 <400> SEQUENCE: 3  
 110 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
 111 1 5 10 15  
 W--> 114 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Xaa  
 115 20 25  
 118 <210> SEQ ID NO: 4  
 119 <211> LENGTH: 30  
 120 <212> TYPE: PRT  
 121 <213> ORGANISM: Artificial Sequence  
 123 <220> FEATURE:  
 124 <223> OTHER INFORMATION: synthetic construct  
 126 <220> FEATURE:  
 127 <221> NAME/KEY: MISC\_FEATURE  
 128 <222> LOCATION: (19)..(19)  
 129 <223> OTHER INFORMATION: Xaa at position 19 is Lys or Arg;  
 132 <220> FEATURE:  
 133 <221> NAME/KEY: MOD\_RES  
 134 <222> LOCATION: (30)..(30)  
 135 <223> OTHER INFORMATION: AMIDATION  
 138 <220> FEATURE:  
 139 <221> NAME/KEY: MISC\_FEATURE  
 140 <222> LOCATION: (30)..(30)  
 141 <223> OTHER INFORMATION: Xaa at position 30 is Gly.  
 144 <400> SEQUENCE: 4  
 146 Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln  
 147 1 5 10 15  
 W--> 150 Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa  
 151 20 25 30

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/834,229A

DATE: 10/03/2001  
TIME: 08:23:44

Input Set : A:\X-10822A Sequence Listing.txt  
Output Set: N:\CRF3\10032001\I834229A.raw

154 <210> SEQ ID NO: 5  
155 <211> LENGTH: 30  
156 <212> TYPE: PRT  
157 <213> ORGANISM: Artificial Sequence  
159 <220> FEATURE:  
160 <223> OTHER INFORMATION: synthetic construct  
162 <400> SEQUENCE: 5  
164 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
165 1 5 10 15  
168 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg  
169 20 25 30  
172 <210> SEQ ID NO: 6  
173 <211> LENGTH: 4  
174 <212> TYPE: PRT  
175 <213> ORGANISM: Artificial Sequence  
177 <220> FEATURE:  
178 <223> OTHER INFORMATION: synthetic construct  
180 <400> SEQUENCE: 6  
182 Ser Arg Arg Gln  
183 1

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/834,229A

DATE: 10/03/2001

TIME: 08:23:45

Input Set : A:\X-10822A Sequence Listing.txt

Output Set: N:\CRF3\10032001\I834229A.raw

L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4